WHAT IS CLAIMED IS;

1. An on-board antenna comprising:

a radiation element provided on a dielectric substrate;

a grounding conductor surrounding a periphery of an outer edge portion of the radiation element at a position spaced away outwardly from the outer edge portion; and

a substantially box-shaped reflecting member including an opening thereof;

wherein the opening of the reflecting member is closed by the surface of the dielectric substrate so as to face the radiation element, and a conductive member is provided at least partially on an inner surface of the reflecting member.

2. An on-board antenna as set forth in Claim 1, wherein the opening of the reflecting member surrounds the periphery of the outer edge portion of the radiation element at a position spaced away from the outer edge portion, when the reflecting member is put on the dielectric substrate.

3. An on-board antenna as set forth in Claim 1, wherein the conductive member is provided totally on the inner surface of the reflecting member.

4. An on-board antenna as set forth in Claim 1, wherein the reflecting member is formed of the conductive member.

5. An on-board antenna as set forth in Claim 1, wherein the radiation element is a semiconductor.

6. An on-board antenna as set forth in Claim 1, wherein the reflecting member is surrounds the periphery of the outer edge portion of the grounding conductor, when the reflecting member is put on the dielectric substrate.

7. An on-board antenna comprising:

a radiation element provided on a first dielectric substrate;

a grounding conductor surrounding a periphery of an outer edge portion of the radiation element at a position spaced away outwardly from the outer edge portion;

a second dielectric substrate provided on the radiation element and the grounding conductor; and

a substantially box-shaped reflecting member including an opening thereof;

wherein the opening of the reflecting member is closed by the surface of the second dielectric substrate so as to face the radiation element, and a conductive member is provided at least partially on an inner surface of the reflecting member.